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|--|--|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> |  | Application Number     | 10/728,108       |
|  |  | Filing Date            | December 3, 2003 |
|  |  | First Named Inventor   | Chou, Siaw Kiang |
|  |  | Art Unit               |                  |
|  |  | Examiner Name          |                  |
| Total Number of Pages in This Submission   |  | Attorney Docket Number | 040184-000200US  |

| ENCLOSURES <i>(Check all that apply)</i>  |  |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals<br>and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal<br>Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s)<br><i>(please identify below):</i><br><br>Return Postcard |
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| Firm<br>or<br>Individual                   | Townsend and Townsend and Crew LLP<br>Darin J. Gibby<br>Reg. No. 38,464 |
| Signature                                  |   |
| Date                                       | March 29, 2004  |

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On March 29, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Connie Lamm

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Siaw Kiang Chou et al.

Application No.: 10/728,108

Filed: December 3, 2003

For: THERMOPHOTOVOLTAIC  
POWER SUPPLY

Examiner:

Art Unit:

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are not enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

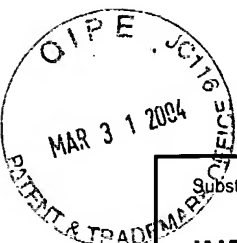
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However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Darin J. Gibby  
Reg. No. 38,464

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 303-571-4000  
Fax: 303-571-4321  
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| <b>Substitute for form 1449A/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    | <b>Complete if Known</b> |                        |                 |
|   |   |    | Application Number       | 10/728,108             |                 |
|   |   |    | Filing Date              | December 3, 2003       |                 |
|   |   |    | First Named Inventor     | Chou, Siaw Kiang       |                 |
|   |   |    | Art Unit                 |                        |                 |
| Examiner Name   |   |    |                          |                        |                 |
| Sheet   | 1 | of |                          | Attorney Docket Number | 040184-000200US |

| U.S. PATENT DOCUMENTS+ |                          |  |                                |  |   |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        |                          | Number Kind Code <sup>2</sup> (if known) |                                |  |   |
|                        | AA                       | US-4,776,895                             | 10-11-88                       | Goldstein  |   |
|                        | AB                       | US-5,593,509                             | 1-14-97                        | Zuppero et al.                                     |   |
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|                        | AD                       | US-                                      |                                |  |   |
|                        | AE                       | US-                                      |                                |  |   |
|                        | AF                       | US-                                      |                                |  |   |
|                        | AG                       | US-                                      |                                |  |   |
|                        | AH                       | US-                                      |                                |  |   |
|                        | AI                       | US-                                      |                                |  |   |
|                        | AJ                       | US-                                      |                                |  |   |
|                        | AK                       | US-                                      |                                |  |   |
|                        | AL                       | US-                                      |                                |  |   |
|                        | AM                       | US-                                      |                                |  |   |
|                        | AN                       | US-                                      |                                |  |   |
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|                        | AP                       | US-                                      |                                |  |   |
|                        | AQ                       | US-                                      |                                |  |   |
|                        | AR                       | US-                                      |                                |  |   |
|                        | AS                       | US-                                      |                                |  |   |
|                        | AT                       | US-                                      |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |                           |                     |                                   |                                |   |  |                          |
|--------------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
|                          |                          | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
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|                          | AW                       |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
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| Substitute for form 1449B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    | <b>Complete if Known</b> |                        |                 |
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|  |   |    | Art Unit                 |                        |                 |
|  |   |    | Examiner Name            |                        |                 |
| Sheet  | 2 | of |                          | Attorney Docket Number | 040184-000200US |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials *             | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.   | T <sup>2</sup> |
|                                 | BC                    | Ole M. Nielsen, et al., <i>A Thermophotovoltaic Micro-Generator for Portable Power Applications</i> , <i>Microsystems Technology Laboratories</i> , Transducers '03, The 12 <sup>th</sup> International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003.                 |                |
|                                 | BD                    | W.M. Yang., et al., Design, Fabrication and Testing of a Prototype Microthermophotovoltaic System, Department of Mechanical Engineering, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260.  |                |
|                                 | BE                    | Leonel R. Arana, et al., <i>Combustion-Assisted Hydrogen Production in a High-Temperature Chemical Reactor/heat Exchanger for Portable Fuel Cell Applications</i> , Transducers '03, The 12 <sup>th</sup> International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003. |                |
|                                 | BF                    | Leonel R. Arana, et al., <i>A Microfabricated Suspended-Tube Chemical Reactor for Fuel Processing</i> , Dept. of Chemical Engineering, Massachusetts Institute of Technology, Cambridge MA 02139.   |                |
|                                 | BG                    | Janet L. Pan, <i>Very Large Radiative Transfer over Small Distances from a Black Body for Thermophotovoltaic Applications</i> , IEEE Transactions on Electron Devices, Vol. 47, No. 1, January 2000.  |                |
|                                 | BH                    | A. Carlos Fernandez-Pello, <i>Micro-Power Generation Using Combustion: Issues and Approaches</i> , Prepared for presentation as a Topical Review at the Twenty-Ninth International Symposium on Combustion, July 21-26, Sapporo, Japan.   |                |
|                                 | BI                    | S. Whalen, et al., <i>Design, Fabrication and Testing of the P<sup>3</sup> Micro Heat Engine</i> , Sensors and Actuators, A 3649, pages 1-9, 2003.  |                |
|                                 | BJ                    | A. H. Epstein., et al., <i>Micro-Heat Engines, Gas Turbines, and Rocket Engines - The MIT Microengine Project</i> , American Institute of Aeronautics and Astronautics, 1997.   |                |
|                                 | BK                    | Lars Sitzki, et al., <i>Combustion in Microscale Heat-Recirculating Burners</i> , The Third Asia-Pacific Conference on Combustion, June 24-27, 2001.  |                |
|                                 | BL                    |   |                |
|                                 | BM                    |   |                |

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
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